

Message

From: Andrew Stoeckle [Andrew.Stoeckle@erg.com]
Sent: 2/18/2020 9:26:38 PM
To: Montilla, Alex [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b148b5335ff44aea8970035668052f01-Montilla, Alex]; Gillespie, Andrew [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=dce99ece87694a06b3009d7756e2a89e-Gillespie, Andrew]; Buckley, Timothy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=197a3461d9824a17850f34cc2b0b37fe-Buckley, Timothy]; Barrette, Michael [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=237b7449b0084c8faea3a38d2bb31ea2-Mbarre04]; Scheitlin, Tom [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=user5f1cea1a]
CC: Brielle Kissel Meade [Brielle.Kissel@erg.com]; Burden, David [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=9c217d84a6954468a3ead168926bde96-Burden, David]
Subject: RE: UCMR ZIP codes

Understood.

Andrew Stoeckle | VP, Information and Analysis | Eastern Research Group | o. 781.674.7261 c. Ex. 6 Personal Privacy (PP)

From: Montilla, Alex <Montilla.Alex@epa.gov>
Sent: Tuesday, February 18, 2020 4:26 PM
To: Andrew Stoeckle <Andrew.Stoeckle@erg.com>; Gillespie, Andrew <Gillespie.Andrew@epa.gov>; Buckley, Timothy <Buckley.Timothy@epa.gov>; Barrette, Michael <Barrette.Michael@epa.gov>; Scheitlin, Tom <Scheitlin.Tom@epa.gov>
Cc: Brielle Kissel Meade <Brielle.Kissel@erg.com>; Burden, David <Burden.David@epa.gov>
Subject: RE: UCMR ZIP codes

Hi Andrew

The decision is to go with option B union of UCMR3 and UCMR4. Please include procedures in the QAPP and then we need to convey what we did to the public via disclaimer language. Please advise if you have any questions.

Thanks,

Alex

From: Andrew Stoeckle <Andrew.Stoeckle@erg.com>
Sent: Tuesday, February 18, 2020 3:47 PM
To: Gillespie, Andrew <Gillespie.Andrew@epa.gov>; Buckley, Timothy <Buckley.Timothy@epa.gov>; Montilla, Alex <Montilla.Alex@epa.gov>; Barrette, Michael <Barrette.Michael@epa.gov>
Cc: Brielle Kissel Meade <Brielle.Kissel@erg.com>
Subject: UCMR ZIP codes

Background:

- UCMR 3 sampling was done by 4,920 PWSs.
- Large PWSs (>10,000 population served) self-report ZIP Codes associated with their service area. EPA prepopulated a ZIP code for the small PWSs.
- Some of the self-reported ZIP codes served appear to be suspect. For example, 224 PWSs (4.6% of the 4,920) reported just one ZIP code but serve more than the maximum people living in a ZIP Code (according to Census).

- UCMR 4 will not be complete until 12/2020, but ZIP codes served are being submitted. This more recent service area data is published by OW and is available for use.

Decision needed for the presentation of ZIP codes served by PWSs in the National PFAS Data Explorer (map and data table):

- A. Use UCMR3 ZIP codes with a disclaimer
 - All 4,920 PWSs would display UCMR3 ZIP codes (if the ZIPs have a geographic extent). Data quality issues remain as is but are explained in the disclaimer.
- B. Use the union of the UCMR3 and UCMR4 ZIP code data: combine unique ZIP codes from UCMR3 and UCMR4 for each PWS.
 - 1,746 PWSs would display additional ZIP codes from UCMR4 that are not in UCMR3
 - 195 of the 224 PWSs with suspect data quality would have more ZIP codes in the union of UCMR3 and UCMR4
 - Problematic ZIP codes would drop from 4.6% of PWSs to 0.6% (29)
 - Chicago, Houston and New York had the same single ZIP issue as Cincinnati in UCMR 3, but do report more ZIP codes in UCMR 4.
- C. Replace UCMR3 ZIP codes with UCMR4 submissions for any PWS that reported more ZIP codes in UCMR4 than in UCMR3.
 - 1,373 PWSs would display UCMR4 ZIP codes (more data) instead of UCMR 3 ZIP code(s)
 - 175 of the 224 PWSs with suspect data quality would have more ZIP codes
 - Problematic ZIP codes would drop from 4.6% of PWSs to 1% (49)

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